

**PCT REQUEST**

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<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	
<b>0-2</b>	International Filing Date	
<b>0-3</b>	Name of receiving Office and "PCT International Application"	
<b>0-4</b>	<b>Form PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared Using	<b>PCT-SAFE [EASY mode] Version 3.50 (Build 0002.175)</b>
<b>0-5</b>	<b>Petition</b>  The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	<b>Receiving Office (specified by the applicant)</b>	<b>National Institute of Industrial Property (France) (RO/FR)</b>
<b>0-7</b>	<b>Applicant's or agent's file reference</b>	<b>BR78420/DC1</b>
<b>I</b>	<b>Title of Invention</b>	<b>THE USE OF SPINEL FERRITES AS SENSITIVE MATERIAL FOR BOLOMETRIC INFRARED DETECTOR DEVICES</b>
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is	<b>applicant only</b>
<b>II-2</b>	Applicant for	<b>all designated States except US</b>
<b>II-4</b>	Name	<b>UNIVERSITE PAUL SABATIER (TOULOUSE III)</b>
<b>II-5</b>	Address	<b>118 route de Narbonne 31062 TOULOUSE - CEDEX 4 France</b>
<b>II-6</b>	State of nationality	<b>FR</b>
<b>II-7</b>	State of residence	<b>FR</b>
<b>III-1</b>	<b>Applicant and/or inventor</b>	
<b>III-1-1</b>	This person is	<b>applicant only</b>
<b>III-1-2</b>	Applicant for	<b>all designated States except US</b>
<b>III-1-4</b>	Name	<b>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE</b>
<b>III-1-5</b>	Address	<b>3 rue Michel Ange 75794 PARIS CEDEX 16 France</b>
<b>III-1-6</b>	State of nationality	<b>FR</b>
<b>III-1-7</b>	State of residence	<b>FR</b>

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III-2	Applicant and/or inventor	
III-2-1	This person is	applicant only
III-2-2	Applicant for	all designated States except US
III-2-4	Name	COMMISSARIAT A L'ENERGIE ATOMIQUE
III-2-5	Address	31-33 rue de la Federation 75752 PARIS - CEDEX 15 France
III-2-6	State of nationality	FR
III-2-7	State of residence	FR
III-3	Applicant and/or inventor	
III-3-1	This person is	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	TAILHADES, Philippe
III-3-5	Address	16 avenue de Gameville 31650 SAINT-ORENS DE GAMEVILLE France
III-3-6	State of nationality	FR
III-3-7	State of residence	FR
III-4	Applicant and/or inventor	
III-4-1	This person is	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	PRESMANES, Lionel
III-4-5	Address	19 rue Jean Ingres 31320 CASTANET France
III-4-6	State of nationality	FR
III-4-7	State of residence	FR
III-5	Applicant and/or inventor	
III-5-1	This person is	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	BONNINGUE, Corine
III-5-5	Address	9 rue Lesage 31400 TOULOUSE France
III-5-6	State of nationality	FR
III-5-7	State of residence	FR

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III-6	<b>Applicant and/or inventor</b>	
III-6-1	This person is	<b>applicant and inventor</b>
III-6-2	Applicant for	<b>US only</b>
III-6-4	Name (LAST, First)	<b>OURVRIER-BUFFET, Jean-Louis</b>
III-6-5	Address	<b>430 route de la Planche 74320 Sevrier France</b>
III-6-6	State of nationality	<b>FR</b>
III-6-7	State of residence	<b>FR</b>
III-7	<b>Applicant and/or inventor</b>	
III-7-1	This person is	<b>applicant and inventor</b>
III-7-2	Applicant for	<b>US only</b>
III-7-4	Name (LAST, First)	<b>ASTIER, Astrid</b>
III-7-5	Address	<b>394 avenue H. Chapays 38340 VOREPPE France</b>
III-7-6	State of nationality	<b>FR</b>
III-7-7	State of residence	<b>FR</b>
III-8	<b>Applicant and/or inventor</b>	
III-8-1	This person is	<b>applicant and inventor</b>
III-8-2	Applicant for	<b>US only</b>
III-8-4	Name (LAST, First)	<b>CAPDEVILLE, Stephanie</b>
III-8-5	Address	<b>31 rue Plantier 31500 TOULOUSE France</b>
III-8-6	State of nationality	<b>FR</b>
III-8-7	State of residence	<b>FR</b>
III-9	<b>Applicant and/or inventor</b>	
III-9-1	This person is	<b>applicant and inventor</b>
III-9-2	Applicant for	<b>US only</b>
III-9-4	Name (LAST, First)	<b>VIALLE, Claire</b>
III-9-5	Address	<b>3 rue du Drac 38120 SAINT EGREVE France</b>
III-9-6	State of nationality	<b>FR</b>
III-9-7	State of residence	<b>FR</b>

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III-10	<b>Applicant and/or inventor</b>	
III-10-1	This person is	
III-10-2	Applicant for	
III-10-4	Name (LAST, First)	
III-10-5	Address	
III-10-6	State of nationality	
III-10-7	State of residence	
IV-1	<b>Agent or common representative; or address for correspondence</b>  The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	
IV-1-1	Name (LAST, First)	
IV-1-2	Address	
IV-1-3	Telephone No.	
IV-1-4	Facsimile No.	
IV-1-5	e-mail	
IV-2	<b>Additional agent(s)</b>	
IV-2-1	Name(s)	
V	<b>DESIGNATIONS</b>	
V-1	<b>The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.</b>	
VI-1	<b>Priority claim of earlier national application</b>	
VI-1-1	Filing date	
VI-1-2	Number	
VI-1-3	Country	
VI-2	<b>Priority document request</b>  The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	
	VI-1	

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VII-1	International Searching Authority Chosen	<b>European Patent Office (EPO) (ISA/EP)</b>	
VII-2	Request to use results of earlier search; reference to that search		
VII-2-1	Date	<b>30 September 2004 (30.09.2004)</b>	
VII-2-2	Number	<b>FA 645102</b>	
VII-2-3	Country (or regional Office)	<b>EP</b>	
<b>VIII</b>	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	7	✓
IX-2	Description	17	✓
IX-3	Claims	2	✓
IX-4	Abstract	1	✓
IX-5	Drawings	3	✓
IX-7	<b>TOTAL</b>	32	
<b>IX-8</b>	<b>Accompanying Items</b>	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	-	✓
IX-17	PCT-SAFE physical media	-	-
IX-18	other	<b>Search Report</b>	✓
IX-19	<b>Figure of the drawings which should accompany the abstract</b>		
IX-20	<b>Language of filing of the international application</b>	<b>French</b>	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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